What is claimed is:

- 1. A display device comprising:
- a face substrate which forms anodes and phosphors on an inner surface thereof;
- a plurality of cathode lines which extend in one direction and are arranged in parallel in another direction which crosses one direction;
- a plurality of electron sources which are arranged on the cathode lines in an electrically conductive manner;
- control electrodes which face the cathode lines in a display region and have electron passing apertures for allowing electrons from the electron sources to pass through the electron passing apertures to the face substrate side;
 - a back substrate which forms the control electrodes and the cathode lines on an inner surface thereof and faces the face substrate in an opposed manner with a given distance therebetween;
 - a support body which is interposed between the face substrate and the back substrate in a state that the support body surrounds the display region and holds the given distance; and
 - a sealing material which hermetically seals end faces of the support body and the face substrate and the back substrate respectively, wherein
 - a connecting portion of the cathode line with the electron

source has a composition which includes a conductor and an insulator, and the composition is determined such that an occupancy rate of the conductor is set equal to or more than an occupancy rate of the insulator.

- 2. A display device according to claim 1, wherein the occupancy rate of the insulator is less than 50%.
- 3. A display device according to claim 1, wherein a surface of the back substrate in the vicinity of the cathode lines exhibits an uneven shape.
 - 4. A display device comprising:

a face substrate which forms anodes and phosphors on an inner surface thereof;

a plurality of cathode lines which extend in one direction and are arranged in parallel in another direction which crosses one direction;

a plurality of electron sources which are arranged on the cathode lines in an electrically conductive manner;

control electrodes which face the cathode lines in a display region and have electron passing apertures for allowing electrons from the electron sources to pass through the electron passing apertures to the face substrate side;

a back substrate which forms the control electrodes and the cathode lines on an inner surface thereof and faces the face substrate in an opposed manner with a given distance therebetween;

a support body which is interposed between the face substrate and the back substrate in a state that the support body surrounds the display region and holds the given distance; and

a sealing material which hermetically seals end faces of the support body and the face substrate and the back substrate respectively, wherein

a layer in which an occupancy rate of a conductor is high is interposed in a connecting portion between the cathode line and the electron source.

5. A display device according to claim 4, wherein the layer in which the occupancy rate of the conductor is high is either a silver particle layer or a gold particle layer.